



RiShyn-Ax

Refined Castor Oil (RCO)

Description

RiShyn-Ax is made from renewable raw materials derived from plant origin. It has versatile properties that improve a product's chemistry/processability.

Characteristic Values*

Properties	Units	AOCS Test Method	RiShyn-Ax ₃ RCO
Physical:			
Appearance	@ 25°C	Visual	Lt. Yellow Viscous Oil
Clarity molten form	Gardner Tube	Visual	Clear Star Shine
Color molten form	Gardner Scale	Visual	3 max.
Moisture	%	Ca 2c-25	0.25 max.
Viscosity bubble secs	@ 25°C Gardner Tube	Tq 1a-64	10 +/- 2
Solubility 1:1 in methanol (w/w)	@ 25°C	Visual	Complete, w/o turbidity
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	2 max.
Saponification Value	mg KOH/g	Cd 3-25	177 – 187
Iodine Value	cg I ₂ /g	Tg 1-64	82 – 90
Hydroxyl Value	mg KOH/g	Cd 13-60	160 – 168

*Slight variations in the characteristic values stated are possible due to production made out of natural raw materials but it shall have no influence on its application functionalities.

Packing: In Barrels (net wt. 200 kgs)

Shelf Life / Storage: Shelf life is 12 months from manufacturing date when stored in a cool place (< 35°C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Personal Care	Key Role	Benefits
Creams	Emollient	Smoothness, Lubricancy, Rheological
Lipsticks	Emollient	Smoothness, Lubricancy, Rheological
Soaps	Emollient	Smoothness, Lubricancy, Rheological
Shampoos	Emollient	Smoothness, Lubricancy, Rheological
Ointments	Emollient	Smoothness, Lubricancy, Rheological
Suppositories	Emollient	Smoothness, Lubricancy, Rheological

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